DATE

AIRFRAME LOG INSERT

CRS MGOR426G
EPPLEY AIRFIELD
OMAHA, NEBRASKA 68119

DATE	W.O. NO.	MAKE	MODEL	HR. MTR.	TACH	TT	REGISTRATION	SERIAL
05/5/05	574251	BEECH	V35TC	-	906.63	-	N9478S	D8057

I certify that the Altimeter, Static System, Transponder and Altitude Reporting Test required by FAR 91.411, 91.413 and FAR Part 43 Appendix E, Paragraph (a) (b) (c), and Appendix F, Paragraph (a) (b) (c) (d), have been performed.

STATIC SYSTEM LEAK CHECKED AT 2,000 FT MSL

ALTIMETER, PILOT: MAKE GARWIN INC P/N 22-977-02 S/N C790 TESTED TO 25,000 FT MSL

ENCODER: MAKE SANDIA P/N 305154-00 S/N 463 TESTED TO 25,000 FT MSL

TRANSPONDER : MAKE GARMIN MODEL GTX-327 S/N 83712000 .

DATE May 5, 2005 W.O. 574251 SIGNED

ELLIOTT AVIATION OF OM AHA, INC.
CRS M GOR426G

Registration: N9478S
Make: Beechcraft
Model: V-35
S/N: D-8057

Date: 8/13/05
HM: 931.3
Total Time: 2,957.4

Engine: TCM TSIO-520-D S/N: 156003-5-D ETT: 2,957.4 TSOH: 43.6

1. Complied with a 100 Hr. Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.
2. Performed Compression Check: 1) 76/80, 2) 76/80, 3) 78/80, 4) 78/80, 5) 76/80, 6) 77/80.
3. Drained engine oil and installed new oil filter, p/n: CH48109-1 and serviced with 13qt Aeroshell 100AD oil.
4. Removed, cleaned, regapped and reinstalled all Spark Plugs.
5. Checked engine to mag timing.

Engine ground performance run and leak check satisfactory.

I certify that this Engine has been inspected in accordance with a 100 hr inspection and has been determined to be in a airworthy condition.

Thomas L. Newman A&P 2197626
Thomas L. Newman

10/10/05	H/m 968.29			
	1) CHANGED oil & FILTER CH48109-1 12 QTS			
	AEROSHELL 100 A.D. oil			
	Thomas L Newman A&P 2197626			

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Registration: N9478S
Make: Beechcraft
Model: V-35
S/N: D-8057

Date: 8/13/05
HM: 931.3
Total Time: 2,957.4

Engine: TCM TSIO-520-D S/N: 156003-5-D ETT: 2,957.4 TSOH: 43.6

1. Complied with an Annual Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.

2. Reviewed AD's thru Bi-weekly 2005-16 dated 8-8-05 and verified AD compliance status.
   Engine ground performance run and leak check satisfactory.

I certify that this Engine has been inspected in accordance with an Annual Inspection and has been determined to be in a airworthy condition.

Michael J. Lucht A&P 303129IA
Michael J. Lucht

10/20/05	968.29			1) OIL & FILTER CHANGED 12 QTS AEROSHELL 100 AD OIL CH48109-6 FILTER. Thomas J Newman A&P

YEAR 2005 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
12/11/05	995.13			1) CHANGED OIL & FILTER 12 QTS AEROSHELL 80 WT A.D. OIL, CH48109-1 FILTER.
				2) REPLACED #3 CYL EGT TEMP PROBE P/N 8-110
				3) REPLACED TERMINALS ON THROTTLE WARNING SWITCH.
				Thomas Newman A&P 2197626
4/17/06	1039.76			1) CHANGED OIL & FILTER 12 QTS AEROSHELL 100 AD OIL CH48109-1 FILTER
				Thomas Newman A&P 2197626

YEAR / DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries.)

Registration: N9478S
Make: Beechcraft
Model: V-35
S/N: D-8057

Date: 8/27/06
HM: 1,090.3
Total Time: 3,116.4

Engine: TCM TSIO-520-D S/N: 156003-5-D ETT: 3,116.4 TSOH: 202.6

1. Complied with a 100 Hr. Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.
2. Performed Compression Check: 1) 74/80, 2) 72/80, 3) 74/80, 4) 76/80, 5) 76/80, 6) 75/80.
3. Drained engine oil and installed new oil filter, p/n: CH48109-1 and serviced with 10qt Aeroshell 100W oil.
4. Removed, cleaned, regapped and reinstalled all Spark Plugs.
5. Removed, cleaned and reinstalled fuel injectors.
6. Checked engine to mag timing.

Engine ground performance run and leak check satisfactory.

I certify that this Engine has been inspected in accordance with a 100 hr inspection and has been determined to be in a airworthy condition.

Thomas L. Newman A&P 2197626

Thomas L. Newman

DATE	TACH TIME		SERVICE	Technician or Repair Facility. (*See* back pages for other spec

Registration: N9478S
Make: Beechcraft
Model: V-35
S/N: D-8057

Date: 8/27/06
HM: 1,090.3
Total Time: 3,116.4

Engine: TCM TSIO-520-D S/N: 156003-5-D ETT: 3,116.4 TSOH: 202.6

1. Complied with an Annual Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.

2. Reviewed AD's thru Bi-weekly 2006-17 dated 8-17-06 and verified AD compliance status. Engine ground performance run and leak check satisfactory.

I certify that this Engine has been inspected in accordance with an Annual Inspection and has been determined to be in a airworthy condition.

A&P 303129IA

Michael J. Lucht

YEAR 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
10-9	1117.2		3143.3	1) CHANGED OIL & FILTER 10 QTS AEROSHELL 80 W OIL Thomas J Newman A&P 2197626
1-26-07	1148.87		3174.9	1) CHANGED OIL & FILTER CH48109-1 10 QTS AEROSHELL 15 W 50 A.P OIL 2) INSTALLED WINTER BAFFELS Thomas J Newman A&P 2197626
7/8/07	1196.89		3222.9	1) CHANGED OIL & FILTER CH48109-1 10 QTS 100AD AEROSHELL OIL Thomas J Newman A&P 2197626

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Registration: N9478S
Make: Beechcraft
Model: V-35

Date: 9/15/07
HM: 1,196.9
Total Time: 3,223.0

Engine: TCM TSIO-520-D S/N: 156003-5-D TT: 3223.0 TSOH: 309.2

1. Complied with a 100 Hr Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.
2. Removed and reinstalled all cylinders after repair in accordance with TCM SB 96-7C. Cylinders repaired by Central Cylinder Service Inc. CRS# MY2R022L, Omaha NE. Ref: Maintenance release tags and work order number 13196 dated 8-13-07.
3. Drained engine oil and installed new oil filter, P/N: CH48109-1 and serviced with 11qt Aeroshell 100ND oil.
4. Removed, cleaned, gapped and reinstalled all spark plugs.
5. Removed, cleaned and reinstalled fuel injectors.
6. Checked engine to magneto timing.
7. Reinstalled Turbo induction tube after weld repair by Central Cylinder Service Inc. CRS# MY2R022L, Omaha NE. Ref: Work order number 13196 dated 8-13-07.

I certify that this Engine has been inspected in accordance with a 100 Hr inspection and has been determined to be in an airworthy condition.

Thomas L. Newman A&P 2197626
Thomas L. Newman

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alte** Entries must be endorsed with Name, Rating and Certificate Nur Technician or Repair Facility. (*See* back pages for other specific

Registration: N9478S
Make: Beechcraft
Model: V-35

Date: 9/15/07
HM: 1,196.9
Total Time: 3,223.0

Engine: TCM TSIO-520-D S/N: 156003-5-D TT: 3223.0 TSOH: 309.2

1. Complied with an Annual Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.
2. Airworthiness Directives checked through thru Bi-weekly 2007-18 dated 9-4-2007 and verify AD compliance status.

Engine ground performance run and leak checked satisfactory.

I certify that this Engine has been inspected in accordance with an Annual inspection and has been determined to be in an airworthy condition.

Michael J. Lucht A&P 3031209IA
Michael J. Lucht

8	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
6	1233.96		3260.0	1) CHANGED OIL & FILTER CH48109-1 SERVICED 12 QTS AEROSHELL 100W OIL. Thomas P Newman A&P 2197626

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alt

DATI

Registration: N9478S
Make: Beechcraft
Model: V-35

Date: 9/18/07
HM: 1,289.6
Total Time: 3,315.7

Engine: TCM TSIO-520-D S/N: 156003-5-D TT: 3315.7 TSOH: 401.9

1. Complied with a 100 Hr Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.
2. Adjusted fuel system in accordance with TCM SB 97-3E.
3. Drained engine oil and installed new oil filter, P/N: CH48109-1 and serviced with 12-qt Aeroshell 100W Plus oil.
4. Performed compression check: (1) 72/80 (2) 75/80 (3) 76/80 (4) 76/80 (5) 76/80 (6) 74/80.
5. Removed, cleaned, gapped and reinstalled all spark plugs.
6. Removed, cleaned and reinstalled fuel injectors with new seals.
7. Checked engine to magneto timing.

Ground performance run and leak check satisfactory.

I certify that this Engine has been inspected in accordance with a 100 Hr inspection and has been determined to be in an airworthy condition.

Thomas L. Newman A&P 2197626
Thomas L. Newman

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Registration: N9478S
Make: Beechcraft
Model: V-35

Date: 9/18/08
HM: 1,289.6
Total Time: 3,315.7

Engine: TCM TSIO-520-D S/N: 156003-5-D TT: 3315.7 TSOH: 401.9

1. Complied with an Annual Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.
2. Reviewed applicable Airworthiness Directives and verify AD compliance status.

Engine ground performance run and leak checked satisfactory.

I certify that this Engine has been inspected in accordance with an Annual inspection and has been determined to be in an airworthy condition.

Michael J. Lucht A&P 3031209IA

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
11/20/08	1320.95			1) CHANGED OIL & FILTER CH48109-1 10 QTS AEROSHELL 15W50 Thomas Meuman A&P 2197626
4/28/09	1367.60			1) CHANGED OIL & FILTER CH48109-1 SERVICED 10 QTS AEROSHELL 100W OIL. LEAK CHECKED OK. Meuman 26

500 hr. insp.

12

SERVICEABLE
MAINTENANCE RELEASE

MAKE TCM/Bendix S/N 983341

MODEL S6RN-1201 UNIT NAME magneto

☒ REPAIRED ☐ OVERHAULED ☒ TESTED ☐ CALIBRATED

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR THE RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 14033

INSPECTOR [signature] DATE 9-21-09

CENTRAL CYLINDER SERVICE INC.
CERTIFIED REPAIR STATION MY2R022L
6315 LINDBERGH DRIVE
OMAHA, NEBRASKA 68110
(402) 451-6468

YEAR
DATE

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
DATE				

Registration: N9478S
Make: Beechcraft
Model: V-35

Date: 9/27/09
HM: 1,418.8
Total Time: 3,444.9

Engine: TCM TSIO-520-D S/N: 156003-5-D TT: 3444.9 TSOH: 531.1

1. Complied with a 100 Hr Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.
2. Compression Check: 1) 72/80, 2) 75/80, 3) 71/80, 4) 73/80, 5) 72/80, 6) 75/80.
3. Superior AD 2009-16-03, Eff. Date 9-9-09, Cylinder Assemblies. N/A due to ECI cylinders installed.
4. Drained engine oil and installed new oil filter, P/N: CH48109-1 and serviced with 11qt Aeroshell 100W oil.
5. Removed, cleaned, gapped and reinstalled all spark plugs.
6. Removed, cleaned and reinstalled fuel injectors. Installed new upper deck seals P/N 633958-3.
7. Reinstalled Magnetos after 500hr inspection by Central Cylinder Service Inc. CRS# MY2R022L, Omaha NE. Ref: Work order number 14033 dated 9-21-09. RH Mag P/N S6RN-1205 S/N 785522, H Mag P/N S6RN-1201 S/N 983341. Checked engine to magneto timing.
8. Reinstalled Alternator after repair by Central Cylinder Service Inc. CRS# MY2R022L, Omaha NE. Ref: Work order number 14032 dated 9-21-09. Alternator P/N ALX9522R S/N F013817.

I certify that this Engine has been inspected in accordance with a 100 Hr inspection and has been determined to be in an airworthy condition.

Thomas L. Newman A&P 2197626
Thomas L. Newman

ORDING CH ME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

egistration: N9478S
ake: Beechcraft
lodel: V-35

Date: 9/27/09
HM: 1,418.8
Total Time: 3,444.9

Engine: TCM TSIO-520-D S/N: 156003-5-D TT: 3444.9 TSOH: 531.1

1. Complied with an Annual Inspection in accordance with a checklist complying with the Scope and Detail of FAR 43 Appendix D.
2. Reviewed applicable Airworthiness Directives and verify AD compliance status.

Engine ground performance run and leak checked satisfactory.

I certify that this Engine has been inspected in accordance with an Annual inspection and has been determined to be in an airworthy condition.

Michael J. Lucht A&P 3031209IA

Michael J. Lucht

YEAR 2010 DATE	RECOR TACH TIME
7/19/10	146
15 Dec 10	Tach

YEAR 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
7/19/10	1464.60	0		CHANGED O, L & FILTER CHA48109-1, SERVICED 10 QTS AEROSHELL W100 PLUS OIL RAN & ~~LEAK~~ CHECKED. Thomas J Neuman A&P 2197626
15 Dec 10	Tach - 1501.12		TT - 3527.22	Eng SMOH - 613.42

Annual Inspection completed with this date. Comp. test. ① 78/80 ② 74/80 ③ 76/80 ⑤ 72/80 ④ 72/80. Removed #4 cylinder and sent to Central Cylinder for repair. Reinstalled with new gaskets. Changed oil and filter. Inspected, cleaned, tested, & isolated plugs. Checked timing. Inspected intake and exhaust systems. Removed turbo exhaust plenum & sent to Smiley Weld. for repair. Checked ADs. This engine was inspected IAW an Annual Inspection following the scope & detail of ~~[illegible]~~ FAR 43 App D and is returned to service. IA 504085835

Advanced Air, Inc. 16801 McCandless Lane, Council Bluffs, IA 51503 712-323-2173

Date: 23Aug2011 **W.O. 4632** **Reg# N9478S** **Tach: 1524.5**

Aircraft Total Time: 3550.6

Engine Log Eng TT: 3550.6 Eng SMOH: 636.8

- Removed engine exhaust system and all turbo components to gain access to turbo. Removed turbo and installed overhauled unit from Main Turbo Systems p/n 406610-9004 s/n KAR00490. Installed with new supplied gaskets. Test run and test flight performed, no discrepancies noted.
- Removed #6 cylinder due to low compression and sent to Central Cylinder for repair. Reinstalled after repair with all new gaskets. Test run and test flight performed, no discrepancies noted.
- Removed inoperative TIT probe and installed new p/n P-110.

Ronald R Gray AP3557843

Advanced Air, Inc. 16801 McCandless Lane, Council Bluffs, IA 51503 712-323-2173

Date: 1Dec2011 **W.O. 4763** **Reg# N9478S** **Tach: 1547.8**

Aircraft Total Time: 3573.9

Continental	TSIO-520-DB	S/N- 156003-5-D	TT- 3573.9	TSOH- 660.1
McCauley	2A36C82-G	S/N- 654547	TT- 3573.9	TSOH- 1195.0

- Completed an Annual Inspection this date utilizing a Checklist conforming to the Scope and Detail as set forth by CFR 14 Part 43, Appendix D.
- Compression readings taken: (#1- 74/80) (#2- 76/80) (#3- 72/80) (#4- 76/80) (#5- 73/80) (#6- 78/80).
- Changed oil and filter, added 12qts AeroShell W100, 2 bottles of avblend oil additive and 1 ea CH48109-1 filter. Installed new Sky-Tec starter assembly p/n C12ST5 s/n 2C5-391106. Installed new Air filter element BA-7112. Cleaned, gapped, tested and rotated plugs. Inspected engine electrical system and wiring. Inspected intake and exhaust systems. Washed engine, ground run completed for performance and leak checks, no discrepancies were noted at this time. This engine was inspected in accordance with an Annual Inspection following the scope and detail of 14 CFR, Part 43, Appendix D and was found to be in an airworthy condition.

Ronald R Gray AP3557843IA

Advanced Air, Inc. 16801 McCandless Lane, Council Bluffs, IA 51503 712-323-2173

Date: 31Aug2012 W.O. 5040 Reg# N9478S Tach: 1611.6

Aircraft Total Time:

- Drained oil and removed filter. Installed new AA48109 filter, 11 qts Aeroshell W100 and 2 bottles of Avblend oil additive. Test ran for leaks, no discrepancies noted.

Ronald R Gray AP3557843

Advanced Air, Inc. 16801 McCandless Lane, Council Bluffs, IA 51503 712-323-2173

Date: 4Feb2013 W.O. 5132 Reg# N9478S Tach: 1640.7

Aircraft Total Time: 3666.8

Continental	TSIO-520-DB	S/N- 156003-5-D	TT- 3666.8	TSOH- 753.0
McCauley	2A36C82-G	S/N- 654547	TT- 3666.8	TSOH- 0.0

- Completed an Annual Inspection this date utilizing a Checklist conforming to the Scope and Detail as set forth by CFR 14 Part 43, Appendix D.
- Compression readings taken: (#1- 75/80) (#2- 74/80) (#3- 75/80) (#4- 73/80) (#5- 73/80) (#6- 75/80).
- Changed oil and filter, added 12qts Phillips 20W50 oil, 2 bottles of avblend oil additive and 1 ea CH48109-1 filter. Installed new air filter assembly p/n BA-7210. Installed new fuel control linkage p/n 632557. Cleaned, gapped, tested and rotated plugs. Inspected engine electrical system and wiring. Inspected intake and exhaust systems. Washed engine, ground run completed for performance and leak checks, no discrepancies were noted at this time. This engine was inspected in accordance with an Annual Inspection following the scope and detail of 14 CFR, Part 43, Appendix D and was found to be in an airworthy condition.

Ronald R Gray AP3557843A

Advanced Air, Inc. 16801 McCandless Lane, Council Bluffs, IA

Date: 12Aug2013 W.O. 5404 Reg# N9478S Tach: 1678.2

Aircraft Total Time:

- Drained oil and removed filter. Installed new CH48109-1 oil filter, 11 qts. Aeroshell W100 oil and 2 bottles of Avblend oil additive. Test ran for leaks, no discrepancies noted.

Ronald R Gray Ap3557843

Advanced Air, Inc. 16801 McCandless Lane, Council Bluffs, IA 51503 712-323-2173

Date: 1Dec2013 W.O. 5520 Reg# N9478S Tach: 1691.0

Aircraft Total Time: 3717.1

Continental	TSIO-520-DB	S/N- 156003-5-D	TT- 3717.1	TSOH- 803.3
McCauley	2A36C82-G	S/N- 654547	TT- 3717.1	TSOH- 50 3

- Completed an Annual Inspection this date utilizing a Checklist conforming to the Scope and Detail as set forth by CFR 14 Part 43. Appendix D.
- Compression readings taken: (#1- 77/80) (#2- 72/80) (#3- 76/80) (#4- 73/80) (#5- 76/80) (#6- 72/80).
- Removed both magnetos. Sent to Central Cylinder for 500 Hour inspection. Reinstalled magnetos after inspection and repair. Timed to engine. Test ran, no discrepancies noted. Drained oil and removed filter. Cut filter for inspection, no discrepancies noted. Installed new CH48109-1 oil filter, 12 qts. Phillips 20W50 oil and 2 bottles of Avblend oil additive. Test ran for leaks, no discrepancies noted. Installed new air filter assembly p/n BA-7210. Cleaned, gapped, tested and rotated plugs. Inspected engine electrical system and wiring. Inspected intake and exhaust systems. Washed engine, ground run completed for performance and leak checks, no discrepancies were noted at this time. This engine was inspected in accordance with an Annual Inspection following the scope and detail of 14 CFR, Part 43, Appendix D and was found to be in an airworthy condition.

Ronald R Gray AP3557843IA

Advanced Air, Inc. 16801 McCandless Lane, Council Bluffs, IA 51503 712-323-2173

Date: 16Dec2014 W.O. 6004 Reg# N9478S Tach: 1712.0

Aircraft Total Time: 3738.1

Continental	TSIO-520-DB	S/N- 156003-5-D	TT- 3738.1	TSOH- 824.3
McCauley	2A36C82-G	S/N- 654547	TT- 3738.1	TSOH- 71.3

- Completed an Annual Inspection this date utilizing a Checklist conforming to the Scope and Detail as set forth by CFR 14 Part 43, Appendix D.
- Compression readings taken: (#1- 74/80) (#2- 70/80) (#3- 76/80) (#4- 67/80) (#5- 74/80) (#6- 76/80).
- Drained oil and removed filter. Cut filter for inspection, no discrepancies noted. Installed new CH48109-1 oil filter, 9 qts. Phillips 20W50 oil and 2 bottles of Avblend oil additive. Test ran for leaks, no discrepancies noted. Installed new air filter assembly p/n BA-7210. Adjusted magneto to engine timing to manufacturers specs. Cleaned, gapped, tested and rotated plugs. Inspected engine electrical system and wiring. Inspected intake and exhaust systems. Washed engine, ground run completed for performance and leak checks, no discrepancies were noted at this time. This engine was inspected in accordance with an Annual Inspection following the scope and detail of 14 CFR, Part 43, Appendix D and was found to be in an airworthy condition.

Ronald R Gray AP3557843IA

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

Oracle Aviation, LLC
12916 Millard Airport Plaza
Omaha, NE 68137

www.oracleaviation.com
402.934.5300

Tail #	TT/TT	Date
N9478S	1735.1	4/16/2015

Drained oil. Changed filter. Serviced with 12qts Phillips 20W50 oil & two cans of avblend oil additive. Serviced battery, tires, and brake reservoir. Run-up leak check satisfactory.

Scott Gruber 508 967 6301 A&P

Oracle Aviation LLC
12916 Millard Airport Plaza
Omaha, NE 68137

www.oracleaviation.com
402.934.5300

of Inspections, Tests, Repairs and Alterations
endorsed with Name, Rating and Certificate Number of
epair Facility. (*See* back pages for other specific entries.)

Tail #	Tach	Date
N9478S	1767.6	10/1/15

Changed oil with 11qts of 20W-50 Phillips XC oil, New AA48109-2 filter and 2 cans of Avblend. Run up check good, no leaks. Aircraft is approved for return to service.

Barry D. Daniels II

A&P 3439929

Advanced Air, Inc. 16801 McCandless Lane, Council Bluffs, IA 51503 712-323-2173

Date: 5Jan2016 W.O. 6479 Reg# N9478S Tach: 1778.7

Aircraft Total Time: 3804.8

Continental	TSIO-520-DB	S/N- 156003-5-D	TT- 3804.8	TSOH- 891.0
McCauley	2A36C82-G	S/N- 654547	TT- 3804.8	TSOH- 138.0

- Completed an Annual Inspection this date utilizing a Checklist conforming to the Scope and Detail as set forth by CFR 14 Part 43, Appendix D.
- Compression readings taken: (#1- 76/80) (#2- 70/80) (#3- 74/80) (#4- 69/80) (#5- 64/80) (#6- 74/80).
- Drained oil and removed filter. Cut filter for inspection, no discrepancies noted. Installed new CH48109-1 oil filter, 11 qts. Phillips 20W50 oil and 2 bottles of Avblend oil additive. Test ran for leaks, no discrepancies noted. Installed new air filter assembly p/n BA-7210. Cleaned, gapped, tested and rotated plugs. Inspected engine electrical system and wiring. Inspected intake and exhaust systems. Washed engine, ground run completed for performance and leak checks, no discrepancies were noted at this time. This engine was inspected in accordance with an Annual Inspection following the scope and detail of 14 CFR, Part 43, Appendix D and was found to be in an airworthy condition.

Ronald R Gray AP3557843IA

YEAR

DATE

Alterations

e Number of
ecific entries.)

Oracle Aviation LLC
12916 Millard Airport Plz
Omaha, NE 68137

KMLE
402.934.5300
OracleAviation.com

Tail #	Tach	Engine TT	SMOH	Date
N9478S	1799.2			6/23/16

Changed oil with 11 qts of Phillips 20W-50 oil and 2 cans of Avblend and a new AA48109-2 filter. Run up check good no leaks. Aircraft is approved for return to service.
Barry D. Daniels II
A&P 3439929

Oracle Aviation LLC
12916 Millard Airport Plz
Omaha, NE 68137

KMLE
402.934.5300
OracleAviation.com

Tail #	Tach	Engine TT	SMOH	Date
N9478S	1832.6	3858.7	944.9	11/1/16

Changed oil with 11 qts of Phillips 20W50 oil and 2 cans of AvBlend, New AA48108-2 filter. Run up check good no leaks. Aircraft is approved for return to service with respect to work performed.
Barry D. Daniels II
A&P 3439929

Oracle Avi
12916 Milla
Omaha, N

Tail #
N9478S

Performed annual ins
- Compress
- Changed
- Cleaned i
- Replaced
- Complied
The cylin
section (5
- Checked
- Run up c

I certify that this air
airworthy condition
Barry D. Daniels II
A&P 3439929 IA

epairs and Alterations
and Certificate Number of
s for other specific entries.)

Oracle Aviation LLC
12916 Millard Airport Plz
Omaha, NE 68137

KMLE
402.934.5300
OracleAviation.com

Tail #	Tach	Engine TT	SMOH	Date
N9478S	1839.2		951.5	1/19/17

Performed annual inspection as per Bonanza V35 service manual

- Compressions #1 74/80, #2 72/80, #3 76/80, #4 74/80, #5 68/80, #6 71/80
- Changed oil with 11qts of Philips 20W50 oil and 2 cans of Avblend, New AA40108-2 filter
- Cleaned injectors
- Replaced all sparkplugs with New URHB32S sparkplugs
- Complied with AD16-16-12 ECI cylinders inspection. Cylinders are of the affected part number. The cylinders have to be removed by Tach time 1872.6 to comply with the AD Paragraph D section (5) (vi)
- Checked AD's through this date.
- Run up check good no leaks.

I certify that this aircraft engine has been inspected I/A/W annual inspection and found to be in an airworthy condition.

Barry D. Daniels II
A&P 3439929 IA

YEAR / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

CENTRAL CYLINDER SERVICE INC. AIRCRAFT ENGINE REBUILERS

Certified repair Station MY2R022L

MAKE: Continental MODEL: TSIO-520-DB

SERIAL #: 156003-5-D DATE: 17/MAY/2018

TIME SMOH: 0.0 TOTAL TIME: _____

Central Cylinder Service, Inc. certifies that this engine has been disassembled, inspected, overhauled, reassembled and tested in accordance with current recommended procedures and all clearances and tolerances are within new limits. Procedures and limits used are current and supplied by the manufacturer's overhaul manual.

Central Cylinder Service, Inc. certifies that this engine was overhauled and inspected in accordance with current regulations of the Federal Aviation Administration. The engine was test run and is approved for return to service. A listing of Airworthiness Directives complied with is attached to work order # 18141 Pertinent details of the overhaul will be available for two years under the work order number at Central Cylinder Service, Inc.

Central Cylinder Service, Inc.
6315 Lindbergh Drive
Omaha, NE 68110-2819

Authorized Signature

YEAR / DAT	RECORDING TACH TIME	TODAY'S FLIGHT

SO#	18-24954	
REG.	N9478S	
MAKE	Beech	

Maintenance Record Eng

1. Removed engine TSIO-52 691399. Engine "overhaul engine TSIO-520-DB S/N ALX-9522R S/N F013817. discrepancies noted at this Overhaul Manual, Sections and Appendix C Bonanza
2. Removed exhaust and ser Inc., CRS UWDR792L und dated 10 May 2018. Ref B B. Installed "overhauled" t CRS 07TR210O dated 24 this time. Ref Continental
3. Installed REIFF engine pre Reference REIFF Preheat

I certify this maintenance was inspecte number: 18-24954 Date: June 27, 2

Signed: Benjamin A. Taylor

Silverhawk Aviation, Inc. CRS# YQSR7
Lincoln, NE 68524

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (Can be done from the specification)
DA				

SO#	18-24954	***SILVERHAWK AVIATION INC.***				DATE	06/27/18
REG.	N9478S	***Lincoln Municipal Airport [LNK]***				TACH	1840.5
MAKE	Beech	MODEL	V35	SERIAL NO.	D-8057		

Maintenance Record Engine

1. Removed engine TSIO-520-DB S/N 156003-5-D and sent in for overhaul and removed propeller P/N 2A36C82 S/N 691399. Engine "overhauled" by Central Cylinder Services Inc. CRS YZR022L under work order 18141. Reinstalled engine TSIO-520-DB S/N 156003-5-D. Installed vacuum pump P/N RAP242CW S/N 106857. Installed alternator P/N ALX-9522R S/N F013817. Installed propeller P/N 2A36C82 S/N 691399. Ran engine, ops and leak check with no discrepancies noted at this time. Reference Bonanza V35 Shop Manual, Section 3, Continental TSIO-520-DB Overhaul Manual, Sections 8-15, 8-23 and 8-31-47 and Continental M-O Standard Practices TSIO-520-DB Appendix B and Appendix C Bonanza V35 Shop Manual, Section 4.
2. Removed exhaust and sent in for rework. Reinstalled exhaust after "overhaul" by Aerospace Welding Minneapolis, Inc., CRS UWDR792L under work orders 180413, 180413, 180414, 180415, 180416, 180417, 180418 and 180419, dated 10 May 2018. Ref Bonanza V35 Shop Manual, Section 4 and Continental TSIO-520-DB M-O Manual, Appendix B. Installed "overhauled" turbo charger system P/N 406610-9004 S/N TFR0339 by Approved Turbo Components, Inc. CRS 07TR210O dated 24 APR 2018 under work order 36351. Ran ops and leak check with no discrepancies noted at this time. Ref Continental TSIO-520-DB Overhaul Manual, Chapter 81-00.
3. Installed REIFF engine preheater, hot strap oil sump heater and hotband cylinder heater system and oil cooler heater. Reference REIFF Preheat Systems Installation Instructions.

I certify this maintenance was inspected and is determined to be in an airworthy condition. Pertinent details are on file under the noted shop order number: 18-24954 Date: June 27, 2018.

Signed: Benjamin A. Taylor for

Silverhawk Aviation, Inc. CRS# YQSR759U
Lincoln, NE 68524

N9478B

Log #3

3-26-05

The Standard

ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer Continental **Model** TSIO 520 DB

Serial 156003-5-D **Type Certificate**

This engine is currently installed in aircraft: 9478S

Minimum Octane Fuel _____ **Oil Grade** Summer _____ Winter _____

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

SERVICEABLE
MAINTENANCE RELEASE

MAKE Continental S/N 156003-5-D

MODEL TSIO 520 DB UNIT NAME engine

☐ REPAIRED ☒ OVERHAULED ☒ TESTED ☐ CALIBRATED

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR THE RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 12269

INSPECTOR Dan Gurk DATE 3-4-05

CENTRAL CYLINDER SERVICE INC.
CERTIFIED REPAIR STATION MY2R022L
6315 LINDBERGH DRIVE
OMAHA, NEBRASKA 68110
(402) 451-6468

epairs and Alterations
and Certificate Number of
s for other specific entries.)

4-05
nd other
eavy
tappets,
and main bearings,
starter adaptor, alternator hub and face gear, ignition harness, spark plugs and necessary gaskets and seals. Overhauled exhaust by-pass valve and variable absolute press. controller. 500 hr. inspected magnetos. Installed overhauled exchange alternator, factory fuel system and a new starter. Installed GAMI nozzles. Magnafluxed misc. steel parts. Applicable AD's complied with. Engine test ran. All work accomplished in accordance with Continental Service Publications. Details of work are on file at this facility W.O. 12269.

Dan Gurk for CRS MY2R022L

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

YEAR 2005 DATE 3-26-

CENTRAL CYLINDER SERVICE INC.
AIRCRAFT ENGINE REBUILDERS
Certified Repair Station MY2R022L
6315 Lindbergh Drive • Riverfront Industrial Park • Omaha, NE 68110

Continental TSIO 520 DB S/N 156003-5-D TT 2913,81 3-4-05
Overhauled the above engine using the following major parts and other parts listed on W.O. 12269: New cylinder kits, serviceable heavy crankcase modified for 7th stud, new crankshaft, camshaft and tappets, connecting rods, piston pins, rocker bushings, rod and main bearings, oil temp valve, starter adaptor, alternator hub and face gear, ignition harness, spark plugs and necessary gaskets and seals. Overhauled exhaust by-pass valve and variable absolute press. controller. 500 hr. inspected magnetos. Installed overhauled exchange alternator, factory fuel system and a new starter. Installed GAMI nozzles. Magnafluxed misc. steel parts. Applicable AD's complied with. Engine test ran. All work accomplished in accordance with Continental Service Publications. Details of work are on file at this facility W.O. 12269.

Dan Gunts for CRS MY2R022L

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)
k 887.71			Reinstalled Engine in Bonanza after overhaul by Central Cylinder Service. Installed Prop After Repair by Duncan Aviation See Prop. Log. Installed New Engine Load Mounts + Bolts + Roll Pins for Mounts. Install New Prop Governor IAW AD 2010260 Ser # 04200069. Install All new Engine Controls + Rod Ends. Mixture, Prop. + Throttle. Repaired Engine Baffleing. Installed Exhaust system After Repair by Aerospace Welding. Added 13 Qts Phillips 20W50 Type M Preoil + Runup Check Okay
			Richard Bown A&P 2194927